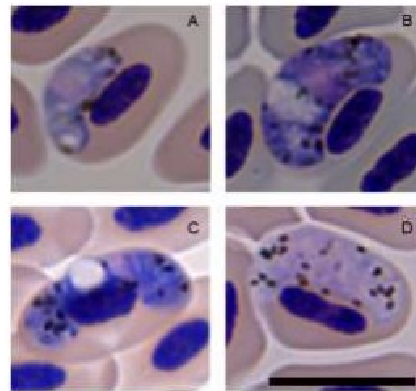
Biological collection Grupo de Estudios Relación Parásito Hospedero

Haemoproteus (Parahaemoproteus) macrovacuolatus

Matta et al., 2014

Taxonomic hierarchy	
Domain	Eukarya
Kingdom	Chromista
Phylum	Apicomplexa
Class	Aconoidasida
Order	Haemosporida
Family	Haemoproteidae
Genus	*Haemoproteus*
Species	*Haemoproteus macrovacuolatus*



Typical stages of *H. macrovacuolatus*: A) inmature gametocyte B-C) Macrogametocytes D) Microgametocyte; Bar = 10 μm.

Associated hosts

	Type host	Additional hosts
Phylum	Chordata	Unknown
Class	Aves	Unknown
Order	Anseriformes	Unknown
Family	Anatidae	Unknown
Species	*Dendrocygna autumnalis*	Unknown

Material deposited in GERPH collection

Collection Number	GERPH:CA1016 GERPH:CA1013	MalAvi, Linaje	DENAUT01	GenBank	KJ592828 KJ175078 KJ499987
Department	Casanare	County	Paz de Ariporo	Altitude	132 m. a. s. l.
Geographic distribution	The parasite has been reported only in Colombia.			Specimen material	Blood smear and DNA
Main Characters	Parasite infecting ducks, gametocytes encircle slightly with their tip the host cell nucleus and displace it. Their main feature is a huge vacuole (>2.5μm in diameter).				
Pathology	Unknown		Vectors	Unknown	

Bibliography

Matta, N. E., Pacheco, M. A., Escalante, A. A., Valkiūnas, G., Ayerbe-Quiñones, F., & Acevedo Cendales, L. D. (2014). Description and molecular characterization of *Haemoproteus macrovacuolatus* n. sp.(Haemosporida, Haemoproteidae), a morphologically unique blood parasite of blackbellied whistling duck (*Dendrocygna autumnalis*) from South America. Parasitology research, 113(8), 2991-3000.

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